

Certificate of Mailing

By 12/5/02 Printed: Lyza Finuliar

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Title: **A NOVEL GLUTATHIONE S-TRANSFERASE**

Serial No.: 09/784,739

Filing Date:

February 14, 2001

Examiner: Hines, J.

Group Art Unit: 1645

Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO RESTRICTION REQUIREMENT UNDER 35 U.S.C. 121

Sir:

This paper is responsive to the Restriction Requirement and Request for Election dated August 28, 2002, setting a one (1) month term for response.

For the Examiner's convenience, all pending claims are listed below.

1. A purified polypeptide comprising an amino acid sequence selected from the group consisting of:
 - a) an amino acid sequence of SEQ ID NO:1,
 - b) a naturally-occurring amino acid sequence having at least 90% sequence identity to the sequence of SEQ ID NO:1,
 - c) a biologically-active fragment of the amino acid sequence of SEQ ID NO:1, and
 - d) an immunogenic fragment of the amino acid sequence of SEQ ID NO:1.
2. An isolated polynucleotide encoding a polypeptide of claim 1.

3. A recombinant polynucleotide comprising a promoter sequence operably linked to a polynucleotide of claim 2.
4. A cell transformed with a recombinant polynucleotide of claim 3.
5. A transgenic organism comprising a recombinant polynucleotide of claim 3.
6. A method for producing a polypeptide of claim 1, the method comprising:
 - a) culturing a cell under conditions suitable for expression of the polypeptide, wherein said cell is transformed with a recombinant polynucleotide, and said recombinant polynucleotide comprises a promoter sequence operably linked to a polynucleotide encoding the polypeptide of claim 1, and
 - b) recovering the polypeptide so expressed.
7. An isolated antibody which specifically binds to a polypeptide of claim 1.
8. An isolated polynucleotide comprising a sequence selected from the group consisting of:
 - a) a polynucleotide sequence of SEQ ID NO:2,
 - b) a naturally-occurring polynucleotide sequence having at least 90% sequence identity to the sequence of SEQ ID NO:2,
 - c) a polynucleotide sequence complementary to a),
 - d) a polynucleotide sequence complementary to b) and
 - e) a ribonucleotide equivalent of a)-d).
9. An isolated polynucleotide comprising at least 60 contiguous nucleic acids of claim 8.
10. A method for detecting a target polynucleotide in a sample, said target polynucleotide